

Table 5-17. Concentration of COCs Detected in Area J Surface Soils

Analyte	# of Samples Collected	# of Detections	Range of Detections	Mean ^{1/} Value	Median ^{2/} Value	Standard ^{3/} Deviation
Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (ng/kg)	2	2	2.45-12.87	7.66	7.66	7.4
TCLP Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (pg/L)	1	1	5.88	na	na	na
TOC (%)	2	2	33.6-42.5	38	38	6.1
Metals (mg/kg)						
Arsenic	2	2	6 C F J-7 C F J	6.5	6.5	0.7
Barium	2	2	30 F-50 F	40	40	14
Cadmium	2	1	2 FJ	na	na	na
Chromium	2	2	21 F-46 F	34	34	17.7
Copper	2	2	59 F-60 F	59.5	59.5	0.7
Lead	2	2	32 C F-76 C F	54	54	31
Nickel	2	2	23 F-46 F	35	35	16
Zinc	2	2	93 F-128 F	111	111	25
TCLP Metals (mg/L)	1	0	All results below MRL.			
PAH as benzo(a)pyrene (TEQ) (mg/kg)	2	2	0.85-1.43	1.1	1.1	0.4
Oil (RRO) (mg/kg)	2	2	2,570-3,170	2,870	2,870	424

Notes: TEQ = Toxicity equivalency quotient

MRL = Method reporting limit

C = The MRL is elevated because the sample required diluting.

F = The MRL is elevated because of matrix interferences and because the sample required diluting

J = Estimated concentration

na = not applicable

1/ Sample arithmetic mean. Includes non-detect data assigned one-half the MDL.

2/ Sample median. Includes non-detect data assigned one-half the MDL.

3/ Sample arithmetic standard deviation. Includes non-detect data assigned one-half the MDL.